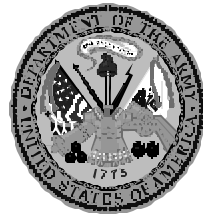




DEPARTMENT OF DEFENSE

Physical Security Equipment Action Group (PSEAG)



FIELDING ADVANCED NIGHT VISION SYSTEMS FOR FORCE PROTECTION

*15th NDIA Night Ops Symposium
10-12 October 2000*



**DoD
PSEAG**

Outline

- ***Mission***
- ***Objectives***
- ***Critical Force Protection Factors***
- ***Mechanisms for Success***
- ***Point of Contact***



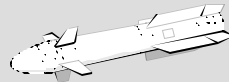
DoD
PSEAG

Forces & Resources

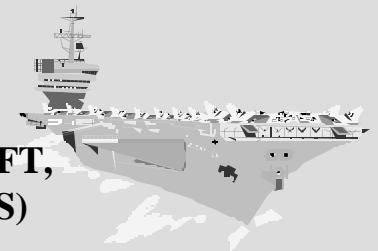
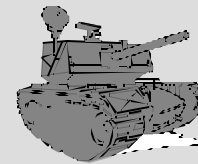
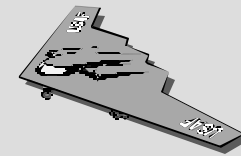
NUCLEAR



**&
CHEMICAL WEAPONS**



**ARMS, AMMUNITION
AND EXPLOSIVES
(STINGER, HELLFIRE)**



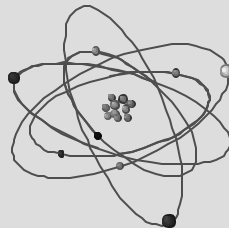
**WEAPON SYSTEMS (AIRCRAFT,
SHIPS, MISSILES, VEHICLES)**



PERSONNEL



FACILITIES



**COMMAND & CONTROL CENTERS
STORAGE DEPOTS
TECHNOLOGY CENTERS**



**SPACE ASSETS (LAUNCH FACILITIES,
TRACKING STATIONS,
CONTROL CENTERS)**



**DoD
PSEAG**

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**DoD
PSEAG**

Mission



Surveillance



Response



Alarm Assessment





**DoD
PSEAG**

Mission



- *Long-Range, Wide Area
Detection & Tracking*
- *Perimeter Intrusion Detection*
- *Video Motion Detection*





**DoD
PSEAG**

Mission

***Countering
to the***



Terrorist Threat





**DoD
PSEAG**

Mission

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Front View

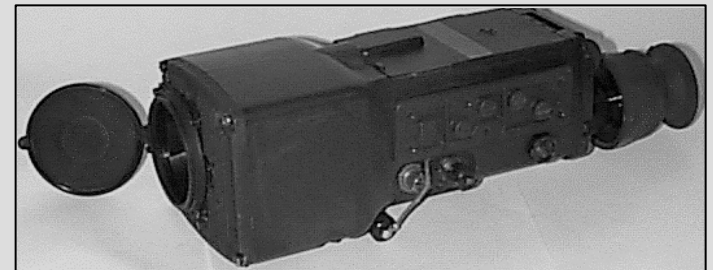
Back View

Full Tactical in Light Urban Tones



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Mission



***Evaluation
and
Testing***



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Objectives

- ***Improve Detection & Assessment Equipment***
 - ***Replace Obsolete Equipment***
 - ***Provide Better/New Capabilities***
 - ***Reduce Infrastructure Requirements***
- ***CINC and Service Support***
- ***Enhance Troop Capability***



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Critical FP Factors

- ***Size***
- ***Weight***
- ***Deployable***
- ***Logistics Tail***
- ***Durability***
- ***Low Cost***



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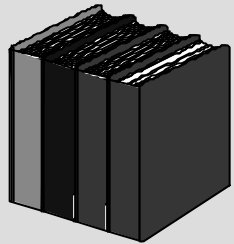
Mechanisms for Success

- ***5000-Series Acquisition Process***
 - ***Responsibility of NVESD***
 - ***NDI for FP and Security***
 - ***FP Largely Embraces COTS Solutions***
- ***COTS Evaluation and Testing***
 - ***Quick Response***
 - ***Often 70-80% Solution; Rarely 100%***
 - ***COTS Integration***



**DoD
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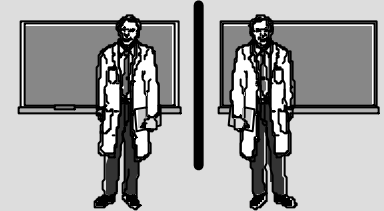
PHYSICAL SECURITY EQUIPMENT PROGRAM



**REVIEW
OPERATIONAL
REQUIREMENTS**

**SELECT, DESIGN, EVALUATE, AND
ACQUIRE**

THE MOST EFFICIENT



**ELIMINATE
R&D DUPLICATION**

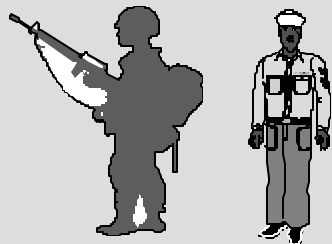
AND PRODUCTIVE PS/FPE (NIGHT VISION)

AT THE

MOST REASONABLE COST

TO INSURE EFFECTIVE PROTECTION

OF DoD RESOURCES



INTEROPERABILITY

STRESSING COTS SOLUTIONS



**PROGRAMMING
PLANNING
FUNDING**



DoD
PSEAG

Point Of Contact

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